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TI Waterproof thermoplastic material

IN Kloboucek, Bohumil; Cermak, Bojan; Mateju, Karel; Zurek, Arne

PA Czech.

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CODEN: CZKXA9

DT Patent

LA Czech

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	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	CS----215313	B	19820827	1980CS-0006424	19800923
PRAI	1980CS-0006424		19800923		
AB	Waterproof thermoplastic material with improved flexibility at low temps. is manufd. from amorphous polypropylene (I) [9003-07-0] (mol. wt. 60,000-400,000, softening temp. >130.degree.) 15-60, oil plasticizer (viscosity 20-200 cSt/50.degree.) 5-30, and mineral filler and pigments 35-55%. Thus, a mixt. of 33% I (softening temp. 158.degree.) and 17% I oil (mol. wt. 400-600) was heated to 160-180.degree., then 47% ground chalk and 3% flaked Al paste were added to give a compn. with softening temp. >140.degree., breaking point (by Frasse) <-25.degree., light refraction >70%. The compn. in a 2.5-mm layer was flexible at -15.degree..				
IT	Plasticizers (hydrocarbon oil or polypropylene oil, for polypropylene-based waterproof materials with improved flexibility at low temps.)				
IT	Hydrocarbon oils RL: MOA (Modifier or additive use); USES (Uses) (plasticizers, for polypropylene-based compns., for waterproof materials with improved flexibility at low temps.)				
IT	Waterproof materials and Water-repellent materials (polypropylene-based, contg. oil plasticizer, with improved flexibility at low temps.)				
IT	9003-07-0 RL: USES (Uses) (waterproof materials, contg. oil plasticizer, with improved flexibility at low temps.)				